

Inventor(s): LAWTON et al.  
 Appln. No.: 10

Group Art Unit: tbd  
 Examiner: tbd  
 Atty. Dkt. P 238268  
 Client Ref: 0410

Filed: January 4, 2002

035,230

Serial No. ↑

Hon. Commissioner of Patents  
 Washington, D.C. 20231

Appln. Title: SOLID IMAGING COMPOSITIONS  
 FOR PREPARING POLYPROPYLENE-  
 LIKE ARTICLES

Sir:

REPLY/AMENDMENT/LETTER

Date: January 31, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herewith by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

# FEE REQUIREMENTS FOR CLAIMS AS AMENDED

## 1. Small Entity claim

- A. ☒ NOT made  
 B. ☐ Withdrawn  
 C. ☐ made herewith  
 D. ☐ made previously
- For B & C  
 See Required  
 Separate Paper  
 (Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	20	**minus 20 0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	2	***minus 3 0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) .....		add	+ \$280/\$140 =	+ \$0	104/204
5. Original due Date:	<input checked="" type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (Usable only for ≤ 2mo.OA --- 4 mos) (Usable only for 30 day/1mo.OA --- 5 mos)	\$110/\$55 = \$400/\$200 = \$920/\$460 = \$1,440/\$720 = \$1,960/\$980 =	+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0			
8. If Terminal Disclaimer attached, add Rule 20(d) official fee		Extension Fee Attached	+ \$0		
9. If IDS attached requires Official Fee under Rule 97 (c), or if Rule 97(d) Request		+ \$110/\$55	+ \$0		148/248
10. After-Final Request Fee per rules 129(a) and 17(r)		+ \$180	+ \$0		126 126
11. No. of additional inventions for examination per Rule 129(b)		+ \$740/370	+ \$0		146/246
12. Request for Continued Examination (RCE)		x \$740/370 ea	+ \$0		149/249
13. Petition fee for		+ \$740/370	+ \$0		1179/1279
14. TOTAL FEE ENCLOSED =			+ \$0		

15. **16.** If the entry in this space is less than entry in next space, the "Present Extra" result is "0".  
**17.** \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.  
**18.** \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-39/75)

(Our Order No. 21028

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LAWTON et al.

Appln. No.: 10/035,230

Group Art Unit: tbd

Filed: January 4, 2002

Examiner: tbd

FOR: SOLID IMAGING COMPOSITIONS FOR PREPARING  
POLYPROPYLENE-LIKE ARTICLES

January 31, 2002

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to examination on the merits, please amend the application in the manner set forth below.

IN THE CLAIMS:

Please cancel claims 1-20 without prejudice or disclaimer.

Please enter new claims 21-40.

RECEIVED  
FEB 20 2002  
TC 1700

21. (New) A photosensitive composition comprising:
- (a) a cycloaliphatic diepoxide;
  - (b) an aliphatic polyfunctional (meth)acrylate;
  - (c) a hydroxyl-containing material selected from the group consisting of aliphatic polycarbonate diols and hydroxy-terminated polyethers;
  - (d) at least one cationic photoinitiator; and
  - (e) at least one free-radical photoinitiator,
- wherein said composition, after full cure by exposure to actinic radiation and optionally heat, has:
- (i) an elongation at yield in the range of 7% to no yield;
  - (ii) a tensile modulus in the range of 1000 to 1600 N/mm<sup>2</sup>; and
  - (iii) an average elongation at break of at least 10%.

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gms